

Recombinant Human PFKM protein ab199591

描述	
产品名称	重组人PFKM蛋白
纯度	> 95 % SDS-PAGE. Determined by SEC-HPLC and reducing SDS-PAGE
内毒素水平	< 0.100 Eu/μg
表达系统	HEK 293 cells
Accession	<u>P08237</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	THEEHHAAKTLGIGKAIAVLTSGGDAQGMNAAVRAVVRVGIF TGARVFFV HEGYQGLVDGGDHIKEATWESVSMMLQLGGTVIGSARCKDFR EREGRLRA AYNLVKGITNLCVIGGDGSLTGADTFRSEWSDLLSDLQKAG KITDEEAT KSSYLNIVGLVGSIDNDFCGTDMTIGTDSALHRIMEIVDAIT TTAQSHQR TFVLEV MGRHCGYLALVTSLS CGADWVFIPECPPDDDWEHL CRRLSETR TRGSRLNIIIVAEGAIDKNGKPITSEDIKNLVVKRLGYDTRV TVLGHVQR GGTPSAFDRI LGS RMGVEAVMALLEGTPDTPACVVSLSGNQA VRLPLMEC VQVTKDVT KAMDEKKFDEALKLRGRSFMNNWEVYKLLAHVRP PVSKSGSH TVAVMNVGAPAAGMNAAVRSTVRIGLIQGNRVLVVDHGFEG L AKGQIEEA GWSYVGW TGQGGSKLGTKRTL PKKSFEQISANITKFNIQGL VIIGGFEA YTGGLELM EGRKQFDELCIPFVVIPATVSNNVPGSDFSVGAD TALNTICT TCDRIKQSAAGTKRRVFIIETMGGYCGYLATMAGLAAGADAA YIFEEPFT IRDLQANVEHLVQKMKT TVKRLVLRNEKCNENYTTDFIFNL

YSEEGKGI
FDSRKNVLGHMQGGSPTPFDRNFATKMGAKAMNWMSGKIKE
SYRNGRIF
ANTPDSGCVLGMRKRALVFQPAELKDQTD FEHRIPKEQWWL
KLRPILKI
LAKYEIDLDTSDHAHLEHITRKRSGEAAVVDHHHHHH

预测分子量	86 kDa including tags
氨基酸	2 to 780
标签	His tag C-Terminus
额外的序列信息	This product is for the mature full length protein. The initiator methionine is not included.

技术指标

Our **Abpromise guarantee** covers the use of **ab199591** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE HPLC
形式	Liquid
补充说明	This product was previously labelled as Fructose 6 Phosphate Kinase

制备和贮存

稳定性和存储	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 6.9 Constituents: 0.87% Sodium chloride, 99% Phosphate Buffer Supplied as a 0.2 µm filtered solution
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常规信息

通路	Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 3/4.
疾病相关	Defects in PFKM are the cause of glycogen storage disease type 7 (GSD7) [MIM:232800]; also known as Tarui disease. GSD7 is an autosomal recessive disorder characterized by exercise intolerance with associated nausea and vomiting. Short bursts of intense activity are particularly difficult. Severe muscle cramps and myoglobinuria develop after vigorous exercise. Most patients obtain a "second wind" when the onset of exercise is followed by a brief rest period. In time patients adjust their activity level and are well compensated.
序列相似性	Belongs to the phosphofructokinase family. Two domains subfamily.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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